Electromechanical torque screwdrivers

TORSIOTRONIC® eClick

Product no.	**96510730**
GTIN	**4018754299409**
Model	**TORSIOTRONIC® 3 eClick**

80 | 4,5° | DIN EN ISO 6789-2

Label.

Electromechanical torque screwdriver TORSIOTRONIC® eClick Measuring r. 30-300 cN·m 1/4 "

Properties.

- eClick - electromechanical indicating and clicking
- clockwise and anti-clockwise tightening
- visual, acoustic, and haptic dual-stop signals
- with 1/4" external square drive (6.3 DIN 3120/ISO 1174-1) and integrated ratchet function with 80 teeth, working angle of 4.5°, for holding 1/4" sockets
- after clicking, the slipping mechanism prevents unintended overshooting of the set tightening torque and overtightening of the screw is prevented
- bright and energy-efficient OLED - readable from virtually any angle
- optical evaluation of the applied torque by traffic light colours on the display and side mounted LEDs
- supported languages: DE, EN, IT, FR, ES
- stores up to 2,500 bolting processes for reading and documenting on the PC at a later date
- micro USB interface for data communication
- optional Bluetooth Low Energy module (5.2) or optional WLAN module
- target torque and tolerances to evaluate the measured value can be set individually
- short training time thanks to virtually self-explanatory controls and an easy-to-understand menu structure
- three operating modes (Click, Track, Peak Hold)
- bolted joints and sequence plans are parameterisable
- with a 1/4" internal square at the end of the handle (6.3 DIN 3120/ISO 1174-1) for a 1/4" T-handle
- units of measurement: cN·m, N·m, ft·lb, in·lb, in·oz
- included in delivery: SensoMaster software, USB cable, bit holder, T-handle (size 10), supplied with lithium battery 3.6 V, type 18650, packed according to UN 3481
- the GEN3 version can charge the battery externally or in situ via the micro-USB cable
- long battery life with battery-saving standby mode
- the batteries are quick and easy to change
- supplied with 3.6 V lithium battery, type 18650, packaged according to UN 3481
- with 2-component handle

- patented
- in a sturdy plastic box
- calibration certificate in accordance with DIN EN ISO 6789-2:2017
- **display accuracy ±4%**

Benefits.

Reliable torque screwdriver for precise measurements in the low torque range.

Visual evaluation of the bolted connection.

After clicking, the slipping mechanism prevents the defined tightening torque from being exceeded.

With patented eClick technology (electromechanical click: accurate electronic measurement combined with the familiar mechanical click).

Simple documentation of the recorded measurements on the PC via the USB interface and via optional communication modules (Bluetooth LE or WLAN).

Product highlights.

Electromechanical cycle.
The TORSIOTRONIC® is the first electromechanical torque screwdriver on the market. It measures the applied torque electronically. The display and signal lights on the side provide a visual assessment of the bolted connection. The cycle and haptic user feedback are also mechanical. A clearly perceptible cycle and an equally audible click indicate that the target value has been reached.

Maximum precision with minimum torque.
Our torque screwdriver is ideal for bolted connections with low torques starting at just 0.12 N·m. Low accuracy ensures precise screw tightening.

Complete documentation.
Our TORSIOTRONIC® eClick is documentation-compatible. It can be easily configured and programmed using the SensoMaster software. This allows all data to be read out, stored and further processed on a PC for better monitoring and optimisation of work processes.

Even for difficult areas of application.
The eClick torque screwdriver is ideal for areas of application in which electronic torque screwdrivers reach the limits of their signalling capabilities - for example, when working overhead or when the display cannot be read. Even in loud, busy and very bright environments, where vibrations or optical and acoustic signals are difficult to perceive, our TORSIOTRONIC® can communicate when the target value has been reached thanks to its patented haptic feedback.

Secure tightening.
Our torque screwdriver eClick minimises operating errors. This allows bolted connections and sequence plans to be parameterised and saved in advance. The torque screwdriver then automatically sets the trigger torque for the selected bolted connection. After triggering, the slip mechanism prevents the set tightening torque from being exceeded and the screw from being overtightened.

Intuitive operation with a clear display.
The bright OLED colour display ensures that all relevant information is clearly visible and can be read from almost any angle. Together with the simple menu structure, this enables fast and intuitive operation.

Technologies and features.

eClick.
The electromechanical eClick torque tools combine digital measuring technology with a mechanical click. This allows torques to be applied accurately, with the additional advantage of a clearly detectable, haptic stop signal. This helps users to achieve reliable, reproducible bolted joints without sacrificing the familiar handling of traditional tools.

DIN EN ISO 6789-2
Our torque wrenches and torque screwdrivers are professionally calibrated in accordance with DIN EN ISO 6789-2 and delivered with a corresponding calibration certificate. We also calibrate angle-controlled torque wrenches in accordance with VDI 2648-2. This ensures the accuracy and traceability of our tools.

2-component handle
Our 2-component handle is non-slip and ergonomically designed. It is resistant to the most common oils, greases, fuels, brake fluids, and Skydrol.

Technical attributes.

Size	3

Logistics data.

Product no.	96510730

Anzeigeabweichung	4%
Measuring range N·m	0,3-3 N·m
Measuring range ft-lb	0,2-2,3 ft·lb
Measuring range in-lb	2,6-26,6 in·lb
Measuring range cN·m	30-300 cN·m
Measuring range in-oz	42-425 in·oz
MA N·m	0.3 N·m
Nominal value N·m	3 N·m
Length mm (L)	317 mm
Battery type	Lithium 3.6 V type 18650
DIN	DIN 3120 / ISO 1174-1
internal hex drive [inch]	1/4 "

GTIN	4018754299409
Weight (g)	570 g
Volume (packaged, dm3)	6.1503 dm3
Packing standard	1
WEEE/ElektroG	Kleingeräte B2C
Customs tariff no.	82041100
Country of origin AWR	GERMANY
Region of origin	Nordrhein-Westfalen
Depth mm (IFS)	415
Width mm (IFS)	228
Height mm (IFS)	65
Weight (gross, kg)	1,642
Weight PAP (kg)	0,150
Weight PVC (kg)	0,000
Length (packaged, mm)	415
Width (packaged, mm)	228
Height (packaging, mm)	65

Parts list.

11180010
Bit holder

51110057
USB cable

59220005

81271013
Tool case

GTIN.

4 018754 299409

Images.

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